

Graph Types and Components

Name: _____

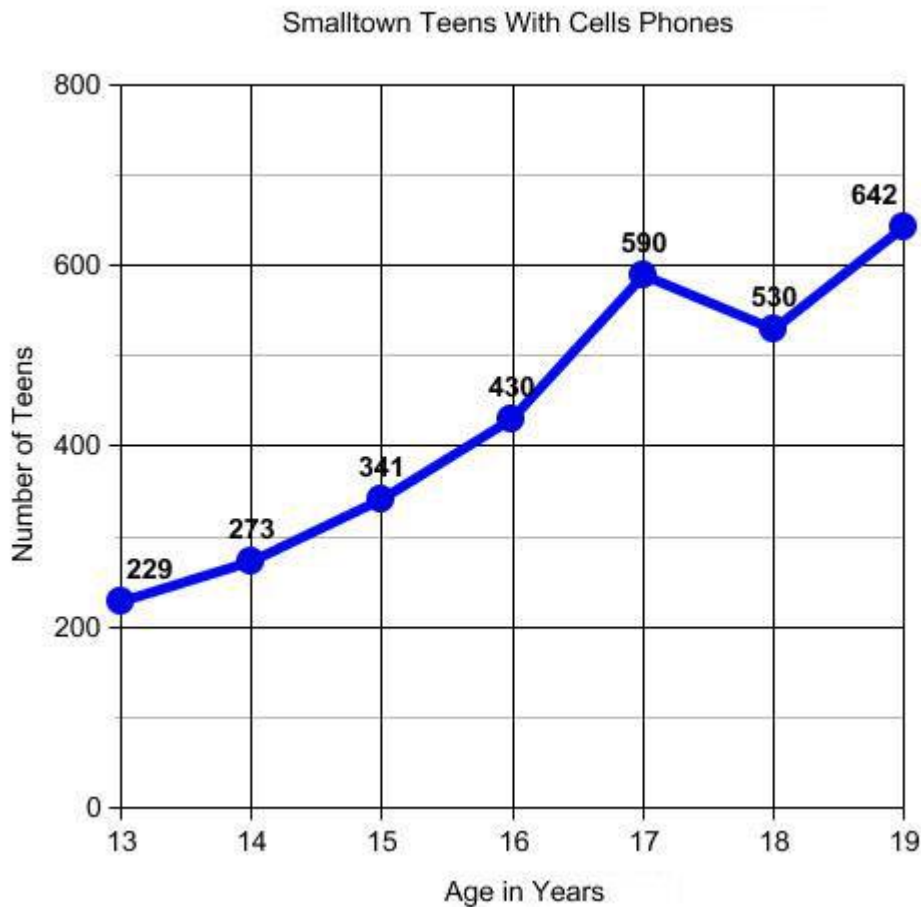
Line Graphs:

- Great for showing change over time
- Clearly shows growth or reduction of dependent variable



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title	The title of the line graph tells us what the graph is about.
labels	The horizontal label (X Axis) is where you put your Independent Variable The vertical label (Y Axis) is where you put your Dependent Variable.
scales	Both X and Y Axis scales should be at appropriate and consistent intervals
points	The points on the graph should be labeled with the exact number.
lines	The lines connecting the points give estimates of the values between the points.



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After reading the graph answer the questions that follow.

QUESTION

ANSWER

1. What is the line graph about?
2. What is the dependent variable?
3. What is the independent variable?
4. What age has the greatest number of cell phones?
5. About how many cell phones do $16\frac{1}{2}$ year-olds have?
6. What is the scale used on the Y-Axis?
7. What could account for the dip in the graph for 18 year-olds?

Bar Graphs:

- Great for showing comparisons.
- Clearly shows differences between multiple independent variables.

title	The title of the line graph tells us what the graph is about.
labels	The horizontal label (X Axis) is where you put your Independent Variable The vertical label (Y Axis) is where you put your Dependent Variable.
scales	The Y Axis scale should be at appropriate and consistent intervals
bars	Each bar on the graph should be labeled with the exact number.
color	Use color as a way to distinguish between

